

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Flamort Chemical Company		EMERGENCY TELEPHONE NO.
ADDRESS (Number, Street, City, State, and ZIP Code) 746 Natoma St. San Francisco, CA 94103		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Flamort T	
CHEMICAL FAMILY Water soluble bromine and nitrogen compounds	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST N/A			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FILLER		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
N/A					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) 212°F, 100°C	SPECIFIC GRAVITY (H ₂ O=1)
VAPOR PRESSURE (mm Hg.) Same as water	PERCENT, VOLATILE BY VOLUME (%) 85%(wt.)
VAPOR DENSITY (AIR=1) N/A	EVAPORATION RATE (_____=1)
SOLUBILITY IN WATER Soluble in water	
APPEARANCE AND ODOR clear solution, sl ammonia odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) N/A	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA N/A			
SPECIAL FIRE FIGHTING PROCEDURES N/A			
UNUSUAL FIRE AND EXPLOSION HAZARDS N/A			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Not established
EFFECTS OF OVEREXPOSURE	
EMERGENCY AND FIRST AID PROCEDURES	
Skin:	Wash off in flowing water or shower
Eyes:	Wash with water for at least 5 minutes
Ingestion:	Induce vomiting if large amounts are ingested

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	N/A
INCOMPATABILITY (Materials to avoid) Strong base, Oxidizing material.			
HAZARDOUS DECOMPOSITION PRODUCTS Liberates bromine or HBR or Cyanides and cyanates			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID under extreme high temp.
	WILL NOT OCCUR	x	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Flush with large amounts of water. in accordance with local, State and Federal regulations.	
WASTE DISPOSAL METHOD	
Dissolve in water and flush with plenty of water if permitted by applicable disposal regulations.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST	If required, use an approved dust/mist respirator
	MECHANICAL (General)	Good room ventilation
		SPECIAL
		OTHER
PROTECTIVE GLOVES		EYE PROTECTION
Recommended		Safety glasses
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Practice reasonable care and caution. Store in cool, dry area.	
OTHER PRECAUTIONS	